

**HEAT SINK BRACKET FOR
POWERED LOUDSPEAKER**

ABSTRACT OF THE DISCLOSURE

A combined heat sink and mounting bracket for a powered
loudspeaker of a ported reflex type is provided. The combined heat sink and
mounting bracket includes a base portion, a fastener attached to the base portion
5 for securing to a reflex tube within the enclosure and a thermally conductive heat
sink portion extending from the base portion. In further aspects, a loudspeaker
assembly and an amplifier module incorporating the heat sink/mounting bracket
are provided. In yet another aspect, a method of improving heat dissipation from
an amplifier in a powered loudspeaker is also provided.